Specifications







Eaton 170M8609

Fuse-link, high speed, 900 A, AC 1000 V, size 3, $74 \times 92 \times 76$ mm, aR, IEC, UL, single indicator

General specifications		
PRODUCT NAME	Eaton Bussmann series high speed square body fuse	
CATALOG NUMBER	170M8609	
MODEL CODE	FUSE 900A 1000V 3BKN/75 AR UR	
UPC	051712604123	
EAN	5027590465601	
PRODUCT LENGTH/DEPTH	168 mm	
PRODUCT HEIGHT	76 mm	
PRODUCT WIDTH	95 mm	
PRODUCT WEIGHT	705.5 g	
WARRANTY	Not Applicable	
COMPLIANCES	CE Marked RoHS Compliant	
CERTIFICATIONS	IEC Rated UL Recognized	
GLOBAL CATALOG	170M8609	



USE INDICATOR USE INDICATOR NO NSULATED METAL RIPPING LUGS (IMGL) NO OUTILIZATION CATEGORY AC USE SIZE AC AC OUTILIZATION CATEGORY AC OUTILIZATION AC OUTILIZATION		
USE INDICATOR USE INDICATOR NO NSULATED METAL RIPPING LUGS (IMGL) OUTILIZATION CATEGORY AC USE SIZE AC AC USE SIZE AC AC USE SIZE AC AC USOU V OUTILIZATION CATEGORY AC USE SIZE AC AC AC USOU V OUTILIZATION TOUR TAGE AC AC USOU V OUTILIZATION OUTILIZATION TOUR TAGE OUTILIZATION	Product specifications	S
USE INDICATOR Centre fuse status indicator NSULATED METAL IRIPPING LUGS (IMGL) AR (accompanied semiconductor protection) AC USE SIZE ACT USE SIZE ACT USOUVE AC AC USES SIZE ACT USOUVE AC AC USESTANCE OF TS.4 mm	AMPERAGE RATING	900 A
INSULATED METAL IRIPPING LUGS (IMGL) INSULATED METAL IRIPPING LUGS (IMGL) ITILIZATION CATEGORY INSULATED WITH INSULATED METAL IRIPPING LUGS (IMGL) ITILIZATION CATEGORY INSULATED WITH INSULATED WIT	BREAKING CAPACITY	125 kA
ITILIZATION CATEGORY AR (accompanied semiconductor protection) AC USE SIZE ACTED VOLTAGE AC AC INSTANCE OF IONNECTIONS ACTION INTERNITYPE AC INTERNITYPE	FUSE INDICATOR	
Semiconductor protection) FOLTAGE TYPE USE SIZE ACTED VOLTAGE AC LENTER-TO-CENTER OSTANCE OF ONNECTIONS FURRENT TYPE AC MOUNTING DIMENSION M12 CLASS TOOUV CLASS CLASS TOOUV CLASS CLASS TOOUV TOOUV CLASS TOOUV CLASS TOOUV TOOUV CLASS TOOUV TOOUV CLASS TOOUV TOOUV TOOUV CLASS TOOUV TOOU	INSULATED METAL GRIPPING LUGS (IMGL)	No
USE SIZE ATED VOLTAGE AC ENTER-TO-CENTER DISTANCE OF ONNECTIONS CURRENT TYPE AC MOUNTING DIMENSION ALEARING (I2T) VATT LOSSES USE SHAPE COLOR NONE NONE CILEAR AC (I2T) COLOR NONE NONE	UTILIZATION CATEGORY	
ATED VOLTAGE AC IENTER-TO-CENTER DISTANCE OF ONNECTIONS FURRENT TYPE AC MOUNTING DIMENSION ACLEARING (I2T) VATT LOSSES LEARING (I2T) VATT LOSSES LEAR ARC (I2T) COLOR None NTERRUPT RATING ITTED WITH: CONSTRUCTION SIZE MOUNTING METHOD FLUSH ACKAGING TYPE ACKAGING TYPE Semiconductor, DC Common bus, DC drives, power converters/rectifiers Flush end BKN/Type K Indicator for Micro USE SYSTEM ACCORDING TO IEC IEC 60269-4 flush end connections type A IEC 60269-4 flush end connections type A	VOLTAGE TYPE	AC
ENTER-TO-CENTER DISTANCE OF DONNECTIONS CURRENT TYPE AC MOUNTING DIMENSION M12 CLASS Class aR CLEARING (I2T) 150000 at 1000 V WATT LOSSES 145 W USE SHAPE Square body, flush end contacts PRE ARC (I2T) 250000 COLOR None NTERRUPT RATING 125 kAIC ITTED WITH: Type K Indicator for micro CONSTRUCTION SIZE 3 MOUNTING METHOD Flush PACKAGING TYPE Standard COLTAGE RATING 1000 V (IEC) YPE Fuse Semiconductor, DC Common bus, DC drives, power converters/rectifiers Flush end BKN/Type K Indicator for Micro USE SYSTEM ACCORDING TO IEC IEC 60269-4 flush end connections type A	FUSE SIZE	3
AC MOUNTING DIMENSION M12 CLASS Class aR CLEARING (I2T) 150000 at 1000 V VATT LOSSES 145 W USE SHAPE Square body, flush end contacts FRE ARC (I2T) 250000 FOLOR None NTERRUPT RATING 125 kAIC ITTED WITH: Type K Indicator for micro FONSTRUCTION SIZE 3 FOUNTING METHOD Flush FACKAGING TYPE Standard FOLTAGE RATING 1000 V (IEC) TYPE Fuse Semiconductor, DC Common bus, DC drives, power converters/rectifiers Flush end BKN/Type K Indicator for Micro USE SYSTEM ACCORDING TO IEC IEC 60269-4 flush end connections type A	RATED VOLTAGE AC	1000 V
Class aR Class aR Clearing (I2T) Class aR Clas a Class aR	CENTER-TO-CENTER DISTANCE OF CONNECTIONS	75.4 mm
Class aR CLEARING (I2T) VATT LOSSES 145 W USE SHAPE Square body, flush end contacts RE ARC (I2T) COLOR None NTERRUPT RATING IZ5 kAIC ITTED WITH: Type K Indicator for micro CONSTRUCTION SIZE MOUNTING METHOD Flush CACKAGING TYPE Standard COLTAGE RATING 1000 V (IEC) YPE Fuse Semiconductor, DC Common bus, DC drives, power converters/rectifiers Flush end BKN/Type K Indicator for Micro USE TYPE BKN/Type K Indicator for Micro USE SYSTEM ACCORDING TO IEC IEC 60269-4 flush end connections type A	CURRENT TYPE	AC
ILEARING (I2T) VATT LOSSES 145 W USE SHAPE Square body, flush end contacts 250000 COLOR None NTERRUPT RATING 125 kAIC ITTED WITH: Type K Indicator for micro CONSTRUCTION SIZE MOUNTING METHOD Flush ACKAGING TYPE Standard OLTAGE RATING 1000 V (IEC) YPE Fuse Semiconductor, DC Common bus, DC drives, power converters/rectifiers Flush end BKN/Type K Indicator for Micro USE TYPE BKN/Type K Indicator for Micro USE SYSTEM ACCORDING TO IEC IEC 60269-4 flush end connections type A	MOUNTING DIMENSION	M12
VATT LOSSES USE SHAPE Square body, flush end contacts 250000 COLOR None NTERRUPT RATING 125 kAIC ITTED WITH: Type K Indicator for micro CONSTRUCTION SIZE MOUNTING METHOD Flush ACKAGING TYPE Standard OLTAGE RATING 1000 V (IEC) YPE Fuse Semiconductor, DC Common bus, DC drives, power converters/rectifiers Flush end BKN/Type K Indicator for Micro USE SYSTEM ACCORDING TO IEC IEC 60269-4 flush end connections type A	CLASS	Class aR
Square body, flush end contacts RE ARC (I2T) COLOR None NTERRUPT RATING ITTED WITH: CONSTRUCTION SIZE MOUNTING METHOD PACKAGING TYPE Standard COLTAGE RATING Semiconductor, DC Common bus, DC drives, power converters/rectifiers Flush end BKN/Type K Indicator for Micro USE TYPE USE TYPE BKN/Type K Indicator for Micro IEC 60269-4 flush end connections type A	CLEARING (I2T)	150000 at 1000 V
CONSTRUCTION SIZE CONSTRUCTION SIZE COLOR MOUNTING METHOD COLOR CONSTRUCTION SIZE C	WATT LOSSES	145 W
NOLOR NTERRUPT RATING 125 kAIC ITTED WITH: Type K Indicator for micro CONSTRUCTION SIZE 3 MOUNTING METHOD Flush ACKAGING TYPE Standard OLTAGE RATING 1000 V (IEC) YPE Fuse Semiconductor, DC Common bus, DC drives, power converters/rectifiers Flush end BKN/Type K Indicator for Micro USE SYSTEM ACCORDING TO IEC IEC 60269-4 flush end connections type A	FUSE SHAPE	
NTERRUPT RATING 125 kAIC Type K Indicator for micro CONSTRUCTION SIZE MOUNTING METHOD Flush CACKAGING TYPE Standard 1000 V (IEC) YPE Fuse Semiconductor, DC Common bus, DC drives, power converters/rectifiers Flush end BKN/Type K Indicator for Micro USE SYSTEM ACCORDING TO IEC ITEC 60269-4 flush end connections type A	PRE ARC (I2T)	250000
Type K Indicator for micro SONSTRUCTION SIZE MOUNTING METHOD Flush ACKAGING TYPE Standard 1000 V (IEC) YPE Fuse Semiconductor, DC Common bus, DC drives, power converters/rectifiers Flush end BKN/Type K Indicator for Micro USE SYSTEM ACCORDING TO IEC IT Type K Indicator for micro IEC 60269-4 flush end connections type A	COLOR	None
MOUNTING METHOD Flush ACKAGING TYPE Standard OUTAGE RATING TOLTAGE Standard TOLTAGE RATING TOLTAGE Standard TOLTAGE S	INTERRUPT RATING	125 kAIC
MOUNTING METHOD Flush ACKAGING TYPE Standard 1000 V (IEC) YPE Fuse Semiconductor, DC Common bus, DC drives, power converters/rectifiers Flush end BKN/Type K Indicator for Micro USE SYSTEM ACCORDING TO IEC IEC 60269-4 flush end connections type A	FITTED WITH:	Type K Indicator for micro
ACKAGING TYPE Standard 1000 V (IEC) YPE Fuse Semiconductor, DC Common bus, DC drives, power converters/rectifiers Flush end BKN/Type K Indicator for Micro USE SYSTEM ACCORDING TO IEC IEC 60269-4 flush end connections type A	CONSTRUCTION SIZE	3
YPE Fuse Semiconductor, DC Common bus, DC drives, power converters/rectifiers Flush end BKN/Type K Indicator for Micro USE SYSTEM ACCORDING TO IEC IEC 60269-4 flush end connections type A	MOUNTING METHOD	Flush
Semiconductor, DC Common bus, DC drives, power converters/rectifiers Flush end BKN/Type K Indicator for Micro USE SYSTEM ACCORDING TO IEC IEC 60269-4 flush end connections type A	PACKAGING TYPE	Standard
Semiconductor, DC Common bus, DC drives, power converters/rectifiers Flush end BKN/Type K Indicator for Micro USE SYSTEM ACCORDING TO IEC IEC 60269-4 flush end connections type A	VOLTAGE RATING	1000 V (IEC)
Common bus, DC drives, power converters/rectifiers USE TYPE USE SYSTEM ACCORDING TO IEC Common bus, DC drives, power converters/rectifiers Flush end BKN/Type K Indicator for Micro IEC 60269-4 flush end connections type A	ТҮРЕ	Fuse
USE TYPE BKN/Type K Indicator for Micro USE SYSTEM ACCORDING TO IEC IEC 60269-4 flush end connections type A	APPLICATION	Common bus, DC drives, power
ACCORDING TO IEC IEC 60269-4 flush end connections type A	FUSE TYPE	BKN/Type K Indicator for
,	FUSE SYSTEM (ACCORDING TO IEC 60269)	

Resources	
CATALOGS	eaton-bussmann-series- iec-high-speed-fuses- catalogue-ca135001en-en- gb.pdf Bussmann series
	complete full line catalog no. 1007 170M8609~Eaton Bussmann series high
	speed square body fuse
DECLARATIONS OF CONFORMITY	eaton-high-speed-square- body-fuse-declaration-of- conformity- uk250908en.pdf
	eaton-high-speed-square- body-fuse-declaration-of- conformity- eu250030en.pdf
MANUALS AND USER GUIDES	High speed fuses application guide
MCAD MODEL	eaton-hs-square-body- fuses-mcad-3d-models- u1156.stp
PRODUCT NOTIFICATIONS	eaton-bussmann-series- ukca-marking-high-speed- fuses-pcn-bur-00167-en- gb.pdf
	eaton-bussmann-series- 170m-fuses-product- change-notice-pcn-bur- 00193-en-us.pdf

PROJECT NAME:	
PROJECT NUMBER:	
PREPARED BY:	
DATE:	



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